

DERWENT- 1982-05623J
ACC-NO:

DERWENT- 198249
WEEK:

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TITLE: Reinforced composite plastic board mfr. - by laminating
polyvinyl fluoride resin sheet coated with adhesive to GFR
unsatd. polyester resin sheet

INVENTOR: NITO,

PRIORITY-DATA: 1981JP-0061798 (April 23, 1981)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 57176160 A	October 29, 1982	N/A	009	N/A
JP 86034390 B	August 7, 1986	N/A	000	N/A

INT-CL (IPC): B32B027/36

ABSTRACTED-PUB-NO: JP 57176160A

BASIC-ABSTRACT:

A surface of PVF resin sheet is coated with an adhesive compsn. contg. at least one resin selected from unsatd. polyester resin of bisphenol type, vinyl ester resin or oligoacrylate ester. After pre-curing the adhesive compsn., the PVF resin sheet is laminated with a glass fibre reinforced unsatd. polyester resin sheet so that the latter resin sheet is contacted directly with the adhesive layer on the PVF resin sheet and the laminate is heat treated to provide a reinforced composite board. Alternatively, the adhesive layer on the PVF sheet is coated with a compsn. comprising unsatd. polyester resin and glass fibre to be hardened afterwards.

The process provides a reinforced composite plastic board having high adhesion of the PVF resin film and FRP and having high transparency, resistance against yellowing.

Basic Abstract Text - ABTX (1):

A surface of PVF resin sheet is coated with an adhesive compsn. contg. at least one resin selected from unsatd. polyester resin of bisphenol type, vinyl ester resin or oligoacrylate ester. After pre-

curing the adhesive compsn., the PVF resin sheet is laminated with a glass fibre reinforced unsatd. polyester resin sheet so that the latter resin sheet is contacted directly with the adhesive layer on the PVF resin sheet and the laminate is heat treated to provide a reinforced composite board. Alternatively, the adhesive layer on the PVF sheet is coated with a compsn. comprising unsatd. polyester resin and glass fibre to be hardened afterwards.

Basic Abstract Text - ABTX (2):

The process provides a reinforced composite plastic board having high adhesion of the PVF resin film and FRP and having high transparency, resistance against yellowing.

Title - TIX (1):

Reinforced composite plastic board mfr. - by laminating polyvinyl fluoride resin sheet coated with adhesive to GFR unsatd. polyester resin sheet

Standard Title Terms - TTX (1):

REINFORCED COMPOSITE PLASTIC BOARD MANUFACTURE LAMINATE POLYVINYL FLUORIDE RESIN SHEET COATING ADHESIVE GFR UNSATURATED POLYESTER RESIN SHEET

Additional Indexing Term - TTAI (1):

GLASS FIBRE REINFORCED FRP